Name:

Due: 4/30 (Printed at the start of class)

Algebra 2 BF.1\_\_\_\_\_

**It’s a Zombie World:**

**Using Geometric Series to Describe Zombie Population Growth**

Initial population (first term):

Infection rate (common ratio):

Geometric sequence:

Zombie population when n=10:

Zombie population when n=100:

Zombie population when n=1000:

*Insert a graph using meta calculator*

Create a story that explains the zombie epidemic in your world. Include the following points in your story:

* Describe the circumstances that led to the first infected human.
* Explain why your zombie virus has the infection rate that you indicated above.
* Describe how the world responds to the zombie infection. (local and other government authorities)
* Explain what your role is in the epidemic.
* For Funzzies: include a picture